

REMARKS

Claims 1-19 are pending in this application and claims 1-6 and 12-15 have been withdrawn. By this Amendment, claim 19 is added. No new matter is added.

Reconsideration and withdrawal of the rejections are respectfully requested.

I. The Pending Claims Define Patentable Subject Matter

The Office Action rejects claims 7 and 8 under 35 U.S.C. §102(b) over U.S. Patent No. 6,498,355 to Harrah et al. (Harrah); rejects claims 9 and 16 under 35 U.S.C. §103(a) over Harrah in view of U.S. Patent No. 6,836,014 to Hunt et al. (Hunt); and rejects claims 10, 11, 17 and 18 under 35 U.S.C. §103(a) over Harrah in view of U.S. Patent No. 7,173,329 to Frutschy et al. (Frutschy). These rejections are respectfully traversed.

Independent claim 7 recites, *inter alia*, "a substrate," "a heat conducting layer provided on said substrate and made of an insulating material" and "a connector part having a module thermally contacting portion for conveying heat from the substrate and the heat conducting layer and a power supply terminal, provided in an end portion of said substrate."

The passage of Harrah relied on by the Office Action for disclosing a substrate discloses a metal substrate that cannot be compared to the substrate of the present application because the substrate of the present application need not be electrically conductive. The electrical conductivity is rendered by the conductive layer in the present application.

Furthermore, the passage of Harrah relied on by the Office Action for disclosing the heat conducting layer merely discloses a dielectric layer that is not thermally conductive. Although the "thermally conductive material" of Harrah is thermally conductive, it does not form a layer on the substrate but is a substance that fills vias (holes) penetrating through the dielectric layer.

Lastly, the passage of Harrah relied on by the Office Action for disclosing a connector part fails to teach or disclose a connector part adaptable to a socket. Hunt and Frutschy fail to

cure the deficiencies of Harrah. Accordingly, the applied references, alone or in any combination, fail to teach or suggest the recited features of independent claim 7.

For at least these reasons, independent claim 7 and the claims dependent therefrom are patentable over the applied references. Withdrawal of the rejections of the claims is respectfully requested.

II. Claim 19

Claim 19 is added. Support for the newly added claim can be found in the specification at, for example, page 4, line 13 - page 5, line 8. Independent claim 19 contains all of the features of independent claim 7 and dependent claim 10. Thus, claim 19 is patentable at least in view of the patentability of independent claim 7 as well as for the additional features it recites.

III. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of the pending claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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